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TITLE: MINUTE PARTICLES OF BIOPOLYMER FOR HOMEOSTASIS AND ADHESION PREVENTION

PUBN-DATE: March 4, 2003

INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide minute particles of biopolymer which are applied to a region irrespective of its size, shape and position and easily act on the aimed homeostasis, prevention of adhesion and keloids, wound cure, bonding, seeling or the like.

SOLUTION: These minute particles make of biopolymer with homeostasis and antiadhesion are used for spraying because they are fluid by the gas whose particle diameter on average is 50 μ m or less, and about 80% of the minute particles exist within the limit of a diameter of 100 μ m in a distribution of particle degree. One or more kinds is/are chosen among carboxymethylcellulose, carboxyethylcellulose, cellulose oxide, chitin, chitosan, hyaluronic acid, starch, glycogen, alginate, pectin, dextran, chondroitin sulfate, gelatin and collagen as the biopolymer. The minute particles are sprayed by incombustible gas or form in aerosol preparation.

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